

Supplementary Materials

Table 1. California-Nevada domain-average maximum R^2 between seasonally averaged Energy Release Component and drought indices.

	Maximum R^2 All Lags	Maximum R^2 90-day Lag
JJA		
EDDI	0.76	0.44
SPEI	0.79	0.43
SPI	0.65	0.36
PDSI	0.56	0.30
SON		
EDDI	0.76	0.21
SPEI	0.76	0.20
SPI	0.65	0.16
PDSI	0.48	0.10
DJF		
EDDI	0.70	0.23
SPEI	0.82	0.24
SPI	0.75	0.23
PDSI	0.53	0.06
MAM		
EDDI	0.86	0.29
SPEI	0.87	0.32
SPI	0.75	0.28
PDSI	0.63	0.20

Table 2. California-Nevada domain-average maximum R^2 between seasonally averaged 100-hr fuel moisture and drought indices.

	Maximum R^2	
	All lags	90-day lag
Summer		
EDDI	0.71	0.5
SPEI	0.73	0.49
SPI	0.58	0.38
PDSI	0.47	0.25
Fall		
EDDI	0.76	0.19
SPEI	0.77	0.16
SPI	0.63	0.13
PDSI	0.43	0.08
Winter		
EDDI	0.77	0.17
SPEI	0.75	0.17
SPI	0.66	0.15
PDSI	0.5	0.05
Spring		
EDDI	0.85	0.26
SPEI	0.83	0.27
SPI	0.7	0.23
PDSI	0.58	0.18